P19743.A04

AMENDED (MARKED-UP) COPY OF SPECIFICATION

Amended (marked-up) copy of Page 30, Example 10.

Example 10

The knockin mouse #2 obtained in Example 9 has the heterozygous neo expression unit flanked by losPs deriving from the targeting vector. The mouse #2 (male, about 4 months ole) was mated with F4 female of CAG-cre# 13 transgenic mouse (2 months old in which transferred cre gene is heterozygous state, K. Sakai et al., Biochem. Biophys. Res. Commun. [217:318] 238:318, 997). PCR was carried out using oligodeoxynucleotides PRL-100, PRL-102 and PGK-1 under the conditions described in Example 8. Amouse from which the neo expression unit was removed was chosen as an OS-2 mutated knockin mouse without the neo expression unit (Figure 8). This mouse was heterozygous with reference to OS-2 type mutation, and had noe loxP. Nucleotide sequences of PRL-100, PRL-102 and PGK-2 used for the PCR were as follows.

PRL-100: 5'-GGT CCA TCC CAG CTT CAC ACA GAC AAG TCT-3'

PRL-102: 5'-TAC TGA AAT CAC AGC CAA GAT GAG CCA TGC-3'

PKG-1: 5'-TAG TGA GAC GTG CTA CTT CCA TTT GTC ACG-3'